

**TABLE DOCUMENTATION**  
**Personal Income by Major Source**  
**and Earnings by Industry 1969-2000**

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**1. DATASET IDENTIFICATION**

1.1 Title of Catalog document

Personal Income by Major Source and Earnings by Industry, 1969-2000

1.2 Authors of the Catalog entry

Percy A. Pacheco

Sarah A. O'Connor

1.3 Catalog revision date

March 15, 2004

1.4 Dataset names

REIS data aggregated by county: reis\_cnty\_v

REIS data aggregated by state: reis\_st\_v

REIS data aggregated by NOAA's Coastal Watershed: resis\_eda\_v

REIS data aggregated by USGS Hydrologic Cataloging Unit: reis\_huc\_v

1.5 Task Group

NOS/Special Projects – Socioeconomic Trends Project

1.6 Dataset identification code

001

1.7 Version

001

1.8 Request for Acknowledgment

NOAA requests that all individuals who download Socioeconomic data acknowledge the source of these data in any reports, papers, or presentation. If you publish these data, please include a statement similar to: "Some or all of the data described in this article were produced by the U.S."

National Oceanic and Atmospheric Administration through the National Ocean Service (NOS)' Special Projects (SP) Office".

## **2. INVESTIGATOR INFORMATION** (for full addresses see Section 13)

### **2.1 Principal Investigators**

Percy A. Pacheco, Project Leader, National Oceanic and Atmospheric Administration (NOAA), Special Projects (SP) Office

Peter Wiley, National Oceanic and Atmospheric Administration (NOAA), Special Projects (SP) Office.

### **2.2 Sample Collection Investigators**

N/A

### **2.3 Sample Processing Investigators**

N/A

## **3. DATASET ABSTRACT**

### **3.1 Abstract of the Dataset**

The Personal Income By Major Source and Earnings by Industry data (1969-2000) has been derived from County Level data from the Bureau of Economic Analysis. Personal income is the sum of wage and salary disbursements, rental income with capital consumption adjustment, personal dividend income, personal interest income, and transfer payments, less personal contribution for social insurance. All data files are referenced to NOAA's Coastal Assessment Framework (CAF). The data are available for four distinct spatial aggregations: county, state, NOAA's Coastal Watershed, and USGS Hydrologic Cataloging Unit.

### **3.2 Keywords for the Dataset**

socioeconomic, economic, population, personal income, earnings, industry, coastal economics

## **4. OBJECTIVES AND INTRODUCTION**

### **4.1 Program Objective**

Special Projects (SP) is one of seven Divisions within the Office of Management and Budget of the National Ocean Service (NOS). This mission of Special Projects is to promote the NOS coastal stewardship mission by providing NOS and its partners with integrated approaches to planning and management, a national assessment capability complementary to other NOS programs, and an innovative program of information synthesis and dissemination.

### **4.2 Dataset Objective**

Many of the goals of those involved in environmental management and policy include finding the balance in the coexistence of natural ecosystems and human society, therefore a complete picture of the geographic patterns of human activity and its relationship to the coastal environment is needed. Regional Economic Information System (REIS) data (1969-2000 Time Series Personal Income by Major Source and Earnings by Industry) derived from County Level data from the Bureau of Economic Analysis (BEA) are provided in a format that facilitates comparisons across time and space.

### **4.3 Background Discussion**

1969-2000 County Level Personal Income and Earnings by Industry data were provided by:

Regional Economic Information System (REIS) CD-ROM  
RCN-0316  
Bureau of Economic Analysis (BEA)

U.S. Department of Commerce  
 Washington, DC 20230  
 Telephone: 202-606-5360  
 Email: [reis.remd@bea.doc.gov](mailto:reis.remd@bea.doc.gov)  
 Web Site: <http://www.bea.doc.gov/>

#### 4.4 Summary of Dataset Parameters

The U.S. Bureau of Economic Analysis provides data for a range of geographic types from the United States down to a County. A detailed description of BEA regional geography terminology can be obtained from the U.S. Bureau of Economic Analysis web site (<http://www.bea.doc.gov/bea/regional/definitions/>).

The common variables that are available for the data aggregated by county, state, NOAA's Coastal Watershed, and USGS 8-digit Hydrologic Cataloging Unit are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
REIS_010	Personal Income	Personal income (thousands of dollars)	X 1,000 dollars
REIS_011	Personal Income	Nonfarm personal income	X 1,000 dollars
REIS_012	Personal Income	Farm income	X 1,000 dollars
REIS_020	Population	Population (number of persons)	Number
REIS_030	Per capita personal Income	Per capita personal income (dollars)	Dollars/person
REIS_040	Derivation of personal Income	Earnings by place of work	X 1,000 dollars
REIS_041	Derivation of personal Income	Less: Personal contribution for social insurance	X 1,000 dollars
REIS_042	Derivation of personal Income	Plus: Adjustment for residence	X 1,000 dollars
REIS_045	Derivation of personal Income	Equals: Net earnings by place of residence	X 1,000 dollars
REIS_046	Derivation of personal Income	Plus: Dividends, interest, and rent	X 1,000 dollars
REIS_047	Derivation of personal Income	Plus: Transfer payments	X 1,000 dollars
REIS_050	Components of earnings	Wage and salary disbursements	X 1,000 dollars
REIS_060	Components of earnings	Other labor income	X 1,000 dollars
REIS_070	Components of earnings	Proprietors' income	X 1,000 dollars
REIS_081	Earnings by industry	Farm earnings	X 1,000 dollars
REIS_082	Earnings by industry	Nonfarm earnings	X 1,000 dollars
REIS_090	Earnings by industry, Nonfarm earnings	Private earnings	X 1,000 dollars
REIS_100	Earnings by industry, Nonfarm earnings, Private earnings	Agricultural services, forestry, fishing, and other	X 1,000 dollars
REIS_200	Earnings by industry, Nonfarm earnings, Private earnings	Mining	X 1,000 dollars
REIS_300	Earnings by industry, Nonfarm earnings, Private earnings	Construction	X 1,000 dollars

REIS_400	Earnings by industry, Nonfarm earnings, Private earnings	Manufacturing	X 1,000 dollars
REIS_500	Earnings by industry, Nonfarm earnings, Private earnings	Transportation and public utilities	X 1,000 dollars
REIS_610	Earnings by Industry, Nonfarm earnings, Private earnings	Wholesale trade	X 1,000 dollars
REIS_620	Earnings by industry, Nonfarm earnings, Private earnings	Retail trade	X 1,000 dollars
REIS_700	Earnings by industry, Nonfarm earnings, Private earnings	Finance, insurance, and real estate	X 1,000 dollars
REIS_800	Earnings by industry, Nonfarm earnings, Private earnings	Services	X 1,000 dollars
REIS_900	Earnings by industry, Nonfarm earnings, Government and government enterprises	Government and government enterprises	X 1,000 dollars
REIS_910	Earnings by industry, Nonfarm earnings, Government and government enterprises	Federal, civilian	X 1,000 dollars
REIS_920	Earnings by industry, Nonfarm earnings, Government and government enterprises	Military	X 1,000 dollars
REIS_930	Earnings by industry, Nonfarm earnings, Government and government enterprises	State and local	X 1,000 dollars

The variables that occur only within the data aggregated by county are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
FIPS	FIPS Code	Federal Information Processing Standard (FIPS) Code (2-digit state & 3-digit county)	
CTYSTATE	County Name and State Abbreviation	County Name and State Abbreviation	
CTYCOAST	Coastal or Non-coastal County	Coastal or Non-Coastal County	
SQMI2000	Census 2000 FIPS Land Area	The FIPS County Land Area (Source: Census 2000)	Sqmi
ST_ABBR	State Abbreviation Code	The 2 digits USPS State Abbreviation Code	
DIVISIONCD	Division Code	Census Division Code	
REGIONCD	Region Code	Census Region Code	

The variables that occur only within the data aggregated by state are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
ST_FIPS	State FIPS code	The two-digit Federal Information Processing Standard (FIPS) code for each state in the U.S.	

ST_ABBR	State Abbreviation Code	The 2 digits USPS State Abbreviation code	
ST_NAME	State Name	State Name	
LANDSQMI	State Land Area	The FIPS State Land Area (Source CAF)	Sqmi
REGIONCD	Region Code	Census Region Code	
DIVISIONCD	Division Code	Census Division Code	

The variables that occur only within the data aggregated by NOAA Coastal Watershed are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
EDASUBEDA	5-digit Watershed Code	A code assigned to each derived spatial area (e.g. EDA or CDA). Concatenated from the ECACDA attribute and SUBEDA attribute.	
SUB_NAME	Watershed Name	For EDAs with component sub-major watershed drainages (subEDAs) defined (e.g. the Chesapeake Bay), a subEDA specific name.	
EDACODE	4-digit Major Watershed Code	A code assigned to each major watershed area (e.g., an Estuarine Drainage Area, Coastal Drainage Area, Fluvial Drainage Area, Interior Drainage Area, etc.)	
EDA_NAME	Major Watershed Name	A geographic name associated with each major watershed area. Names of EDAs come from NOAA's National Estuarine Inventory; names of CDAs are a combination of edacda code plus USGS cataloging unit name. Unique Names have corresponding EDACDA Codes.	
LEDASQMI	EDA Land Area	EDA Land Area in Square Miles	sqmi
LFDASQMI	FDA Land Area	FDA Land Area in Square Miles	sqmi
T_LAND	Total Watershed Land Area	Total Watershed Land Area in Square Miles	sqmi
REGION	Region Code	NOAA Coastal Assessment Region (N=North Atlantic, M=Mid-Atlantic, S=South Atlantic, G=Gulf of Mexico, P=Pacific, L=Great Lakes, U=Interior, X=International)	
SPATLINK	5-digit Watershed Code and Drainage Code	A code assigned to each derived spatial area (e.g., an EDA or CDA). Concatenated from the EDACDA, SUBEDA, and DR_CODE attributes	
DR_CODE	Drainage Code	Drainage Code indicating HUC is in Coastal (E), Upstream (F) or Interior (I) Component(s) of NOAA's Coastal Assessment Framework	
LANDSQMI	EDASUBEDA Land Area	EDASUBEDA Land Area (sqmi)	sqmi

WATRSQMI	EDASUBEDA Water Area	EDASUBEDA Water Area (sqmi)	sqmi
YEAR	Year	Year	

The variables that occur only within the data aggregated by USGS Hydrologic Cataloging Unit are shown below.

Field Name	Description/Long Name	Definitions/Contents	Units
USGS_HUC	8-Digit USGS Cataloging Unit Code	8-Digit USGS Cataloging Unit (numeric field)	
HHUC	8-Digit USGS Cataloging Unit Code	8-Digit USGS Cataloging Unit (character field)	
HUC_NAME	8-Digit USGS Cataloging Unit Code	8-Digit USGS Cataloging Unit Name	
USGSSQMI	USGS Cataloging Unit Area	USGS Cataloging Unit Area in Square Miles	Sqmi
ACC_UNIT	USGS Accounting Unit Code	Accounting Unit Code (six first digits of HUC)	
SUBREGION	USGS Sub-region Code	Sub-region Code (four first digits of HUC)	
REGIONUSGS	USGS Region Code	Water Resource Region Code (two first digits of HUC)	

## 5. DATA ACQUISITION AND PROCESSING METHODS

5.1 Data Acquisition / Field Sampling  
N/A

5.1.1 Sampling Objective  
N/A

5.1.2 Sample Collection: Methods Summary  
N/A

5.1.3 Beginning Sampling Date  
N/A

5.1.4 Ending Sampling Dates  
N/A

5.1.5 Sampling Platform  
N/A

5.1.6 Sampling Equipment  
N/A

5.1.7 Manufacturer of Sampling Equipment  
N/A

5.1.8 Key Variables  
N/A

5.1.9 Sample Collection: Methods Calibration  
N/A

5.1.10 Sample Collection: Quality Control  
N/A

5.1.11 Sample Collection: References  
N/A

5.1.12 Sample Collection: Alternate Methods  
N/A

5.2 Data Preparation and Sample Processing  
N/A

5.2.1 Sample Processing Objective  
N/A

5.2.3 Sample Processing: Methods Calibration  
N/A

5.2.4 Sample Processing: Quality Control  
N/A

5.2.5 Sample Processing: References  
N/A

5.2.6 Sample Processing: Alternate Methods  
N/A

## **6. DATA ANALYSIS AND MANIPULATIONS**

6.1 Name of New or Modified Values  
N/A

6.2 Data Manipulation: Description

The annual county level 1969-2000 REIS data were exported from the REIS CD-ROM as a dBase file and then imported into the Statistical Analysis System (SAS) software for further processing and analysis. With the exception of average estimates, the income estimates are shown in thousands of dollars. The population estimates prepared by the Census Bureau are in number of persons.

The county level data record contained the following disclosure codes:

(N) = Estimates not available

(L) = Estimates less than \$50,000

(D) = Estimates not shown to avoid disclosure of confidential information

The code (N) was treated as missing data. The code (L) was converted to \$25,000 dollars. For cases of code (D), which occurred mostly for the sub-categories of Mining and Wholesale Trade in the major category "Private Earning", estimates were computed by using the following algorithm.

$$M = (pe - soi) * [m\_st / (m\_st + w\_st)]$$
$$WT = (pe - soi) * [w\_st / (m\_st + w\_st)]$$

Where:

M = Mining earnings estimate (thousand of dollars)

WT = Wholesale Trade earnings estimate (thousand of dollars)

pe = Private Earnings data (thousand of dollars)

soi = Sum of all sub-categories (other than codes D) earnings estimate (thousand of dollars)

m\_st = Mining earnings estimate in the State (thousand of dollars)

w\_st = Wholesale Trade earnings estimate in the State (thousand of dollars)

At the state level, all data are available.

The REIS county level file contains data for FIPS with special definitions. FIPS in this project refers to the 2-digit state FIPS code plus the 3-digit county FIPS code. Data from these Special FIPS were prorated to Census FIPS in order to prorate the county level data to watersheds. A complete description of the equations and proration coefficients used in these calculations is available in the REIS detailed project file at:

[http://www8.nos.noaa.gov/socioeconomics/download/metadata/REIS\\_detailed\\_description.html](http://www8.nos.noaa.gov/socioeconomics/download/metadata/REIS_detailed_description.html)

## **7. DATA DESCRIPTION**

### **7.1 Description of Parameters**

Please refer to section 4.4.

#### **7.1.1 Components of the Dataset**

Please refer to section 4.4.

#### **7.1.2 Precision of Reported Values**

Please refer to section 4.4.

#### **7.1.3 Minimum Value in Dataset**

The data varies per socio demographic variable

#### **7.1.4 Maximum Value in Dataset**

The data varies per socio demographic variable

### **7.2 Data Record Example**

N/A

#### **7.2.1 Column Names for Example Records**

Please refer to section 4.4.

#### **7.2.2 Examples of Data Records**

Please refer to section 4.4

## **8. GEOGRAPHIC AND SPATIAL INFORMATION**

### **8.1 Minimum Longitude (Westernmost)**

-178.22

### **8.2 Maximum Longitude (Easternmost)**

-66.97

### **8.3 Minimum Latitude (Southernmost)**

18.93

8.4 Maximum Latitude (Northernmost)  
71.41

8.5 Name of Region  
United States

## **9. QUALITY CONTROL AND QUALITY ASSURANCE**

9.1 Measurement Quality Objectives  
These data are reported in a separate file.

9.2 Data Quality Assurance Procedures  
County-level REIS data were computed using the file with prorated values (REIS data in CAF unique/county or unco area). These computed county data were compared with data in original REIS county file. The comparison provided equal values confirming the accuracy of the proration coefficients used.

9.3 Actual Measurement Quality  
All of the data reported in these data files met the QA specifications.

## **10. DATA ACCESS**

10.1 Data Access Procedures  
Data can be downloaded from the web at  
<http://www8.nos.noaa.gov/socioeconomics/download/income.aspx>

10.2 Data Access Restrictions  
None

10.3 Data Access Contact Persons  
Percy A. Pacheco, NOAA/NOS/MB/SP  
301-713-3000, Percy.Pacheco@noaa.gov

10.4 Dataset Format  
ASCII (tab delimited) and XML files

10.5 Information Concerning Anonymous FTP  
Not available

10.6 Information Concerning WWW  
See Section 10.1 for WWW access

10.7 CD-ROM Containing the Dataset  
Spatial Patterns of Socioeconomic Data from 1970 to 2000. A national research dataset aggregated by watershed and political boundaries.

## **11. REFERENCES**

N/A

## **12. TABLE OF ACRONYMS**

BEA	Bureau of Economic Analysis
CDA	Coastal Drainage Area
EDA	Estuarine Drainage Area
FIPS	Federal Information Processing Standard
FDA	Fluvial Drainage Area
HUC	Hydrologic Unit Code

MB	Management and Budget
NOAA	National Oceanic and Atmospheric Administration
NOS	National Ocean Service
REIS	Regional Economic Information System
SAS	Statistical Analysis System (software)
SP	Special Projects
QA/QC	Quality Assurance/Quality Control
USGS	United States Geological Survey
USPS	United States Postal Service
WWW	World Wide Web

### **13. PERSONNEL INFORMATION**

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